

FIG. 1

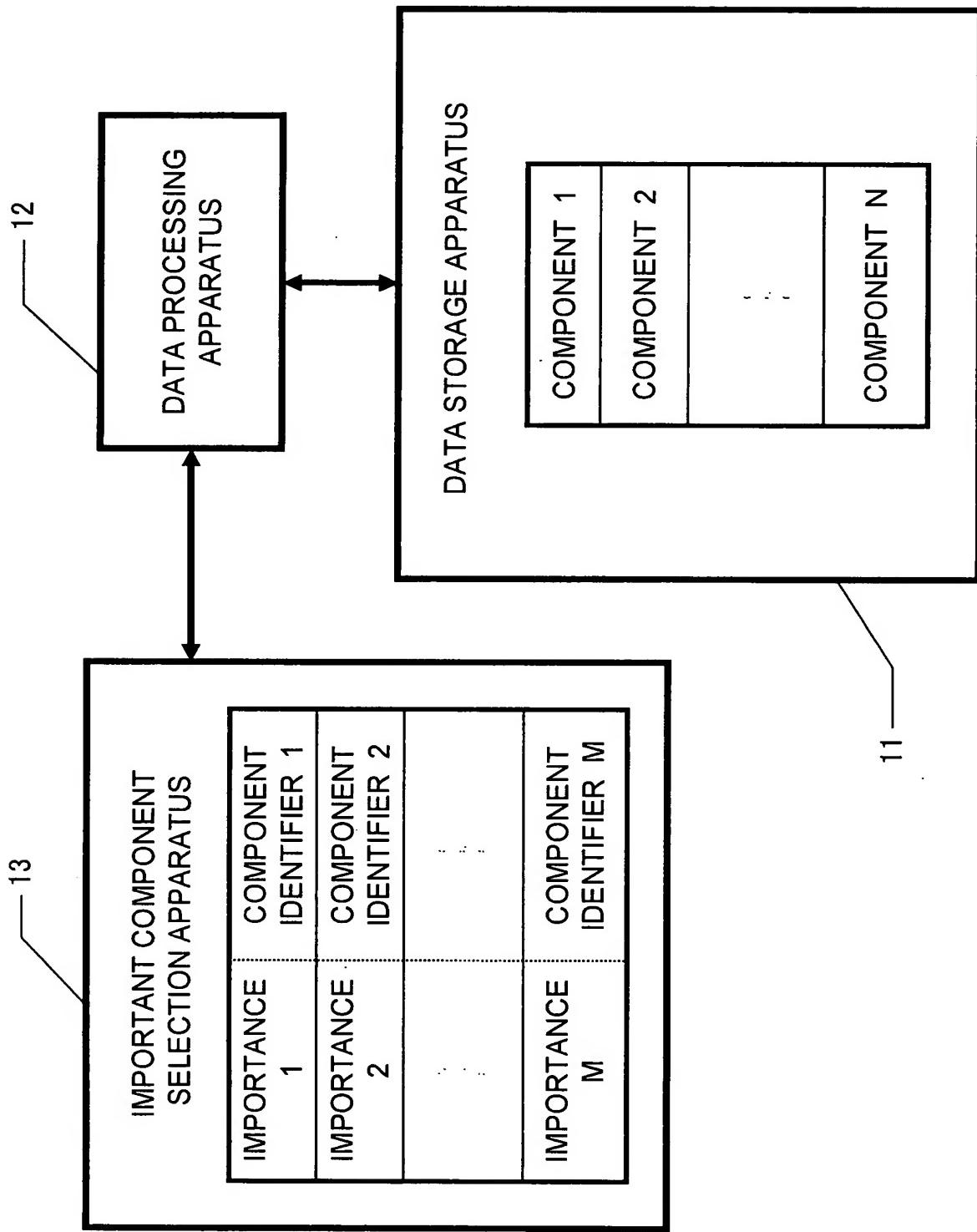


FIG. 2

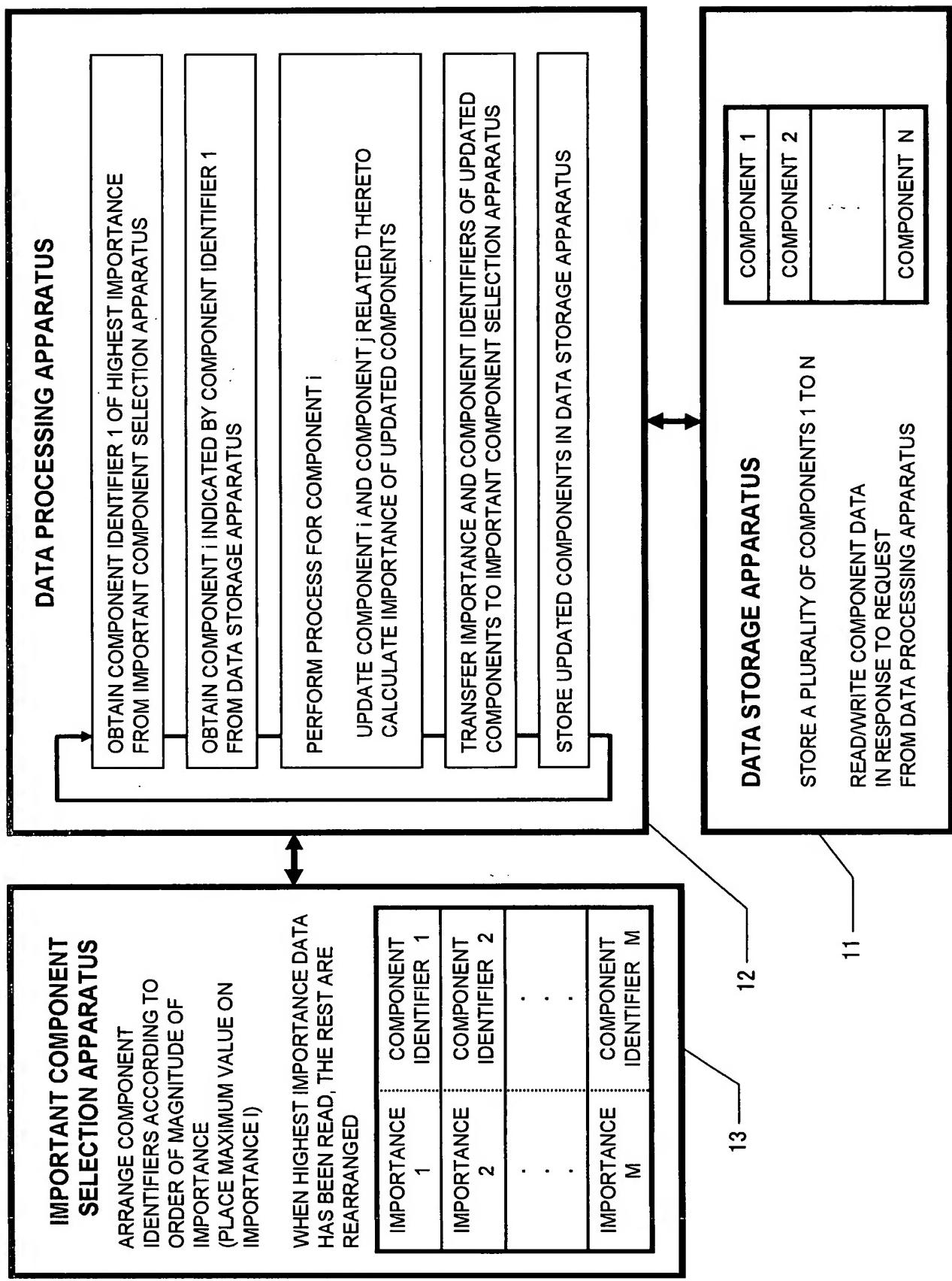
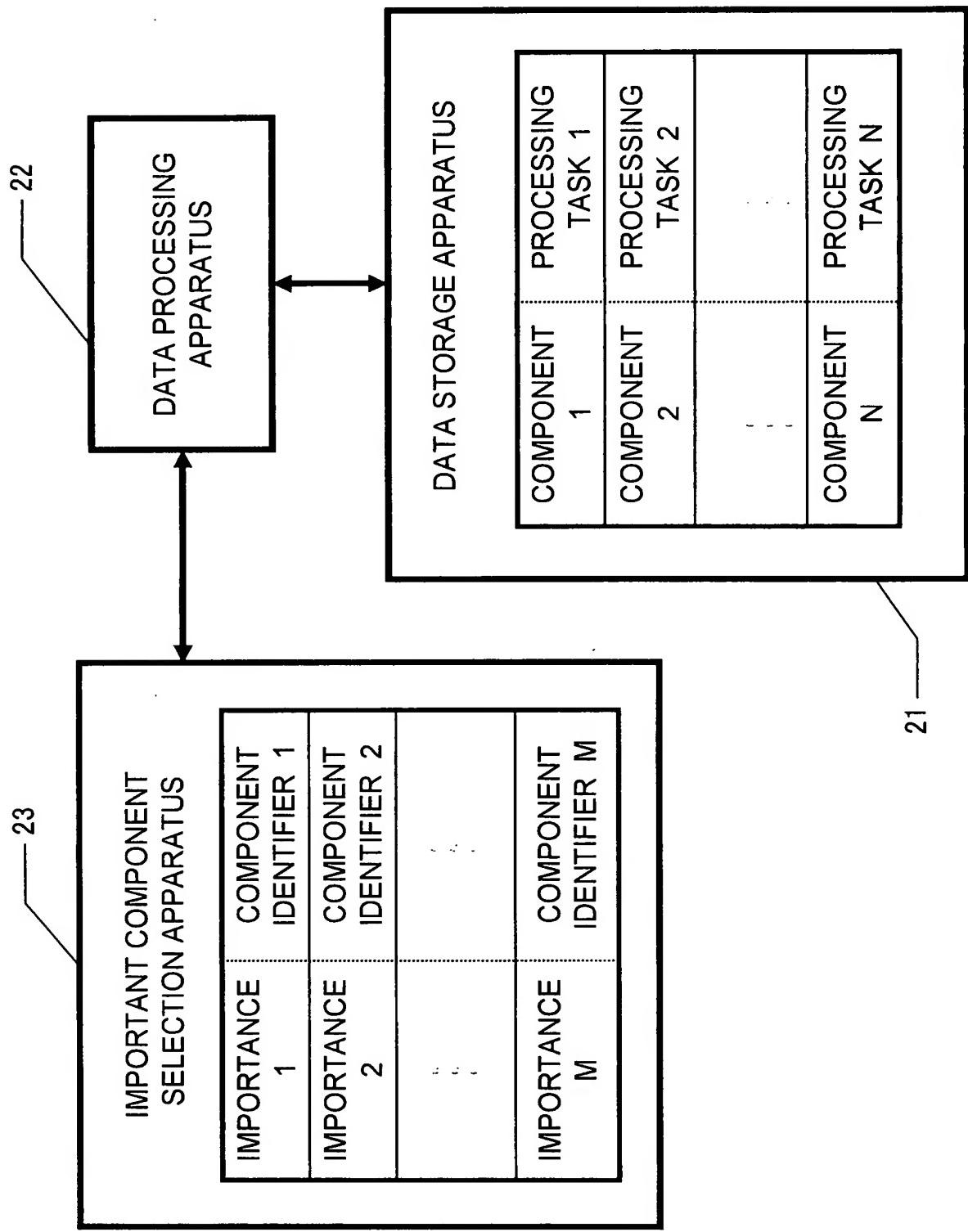


FIG. 3



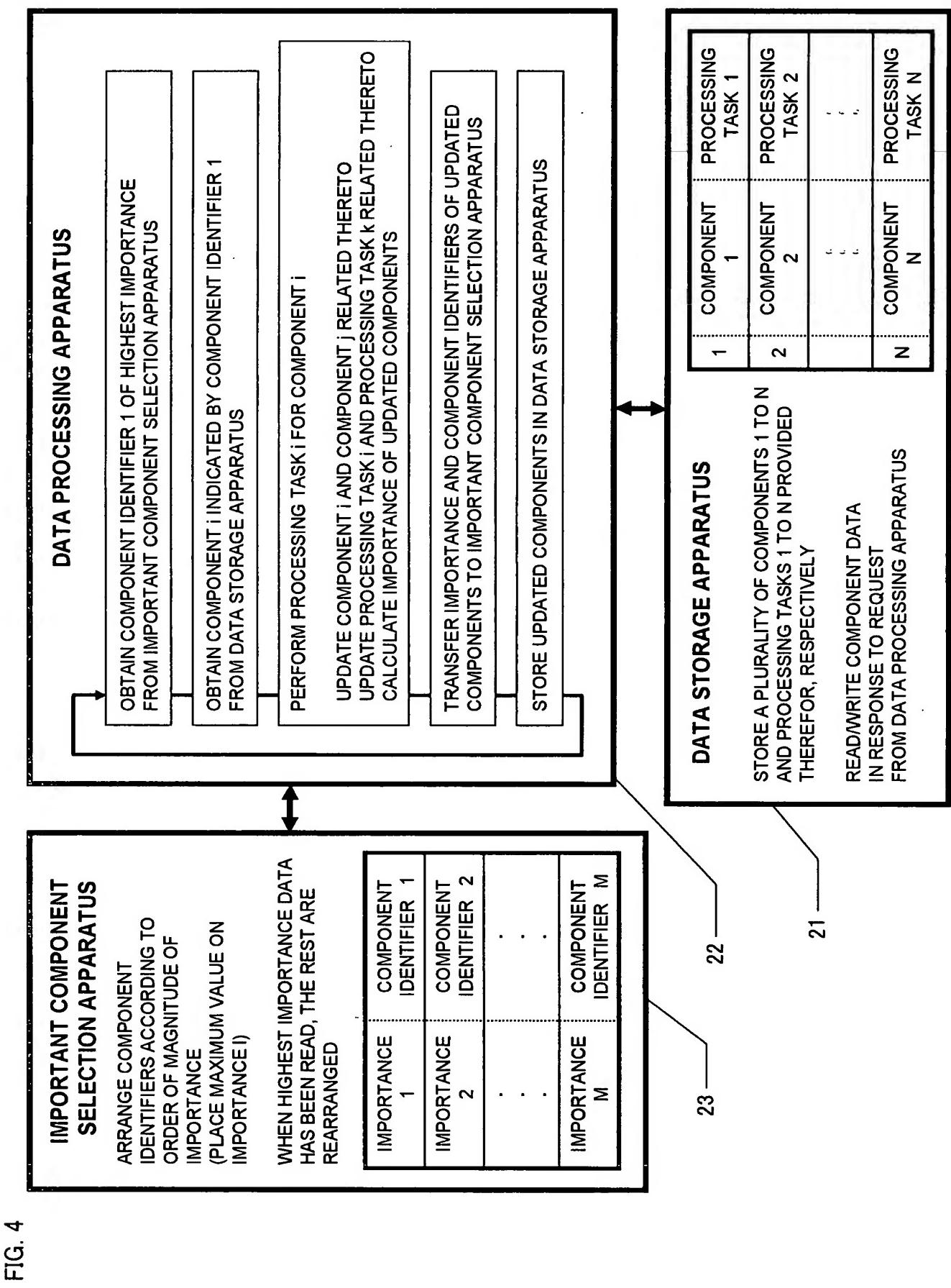
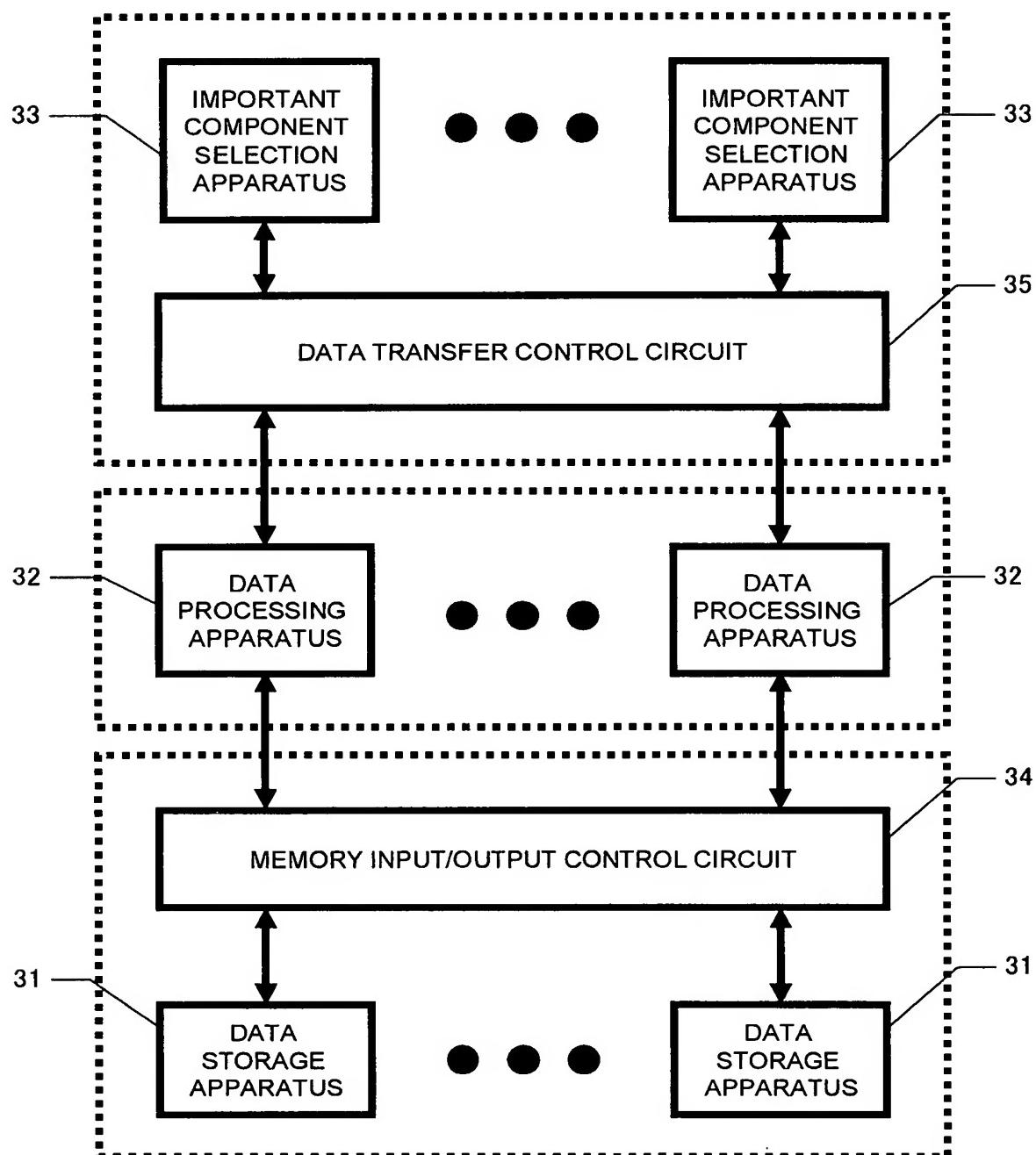


FIG. 5



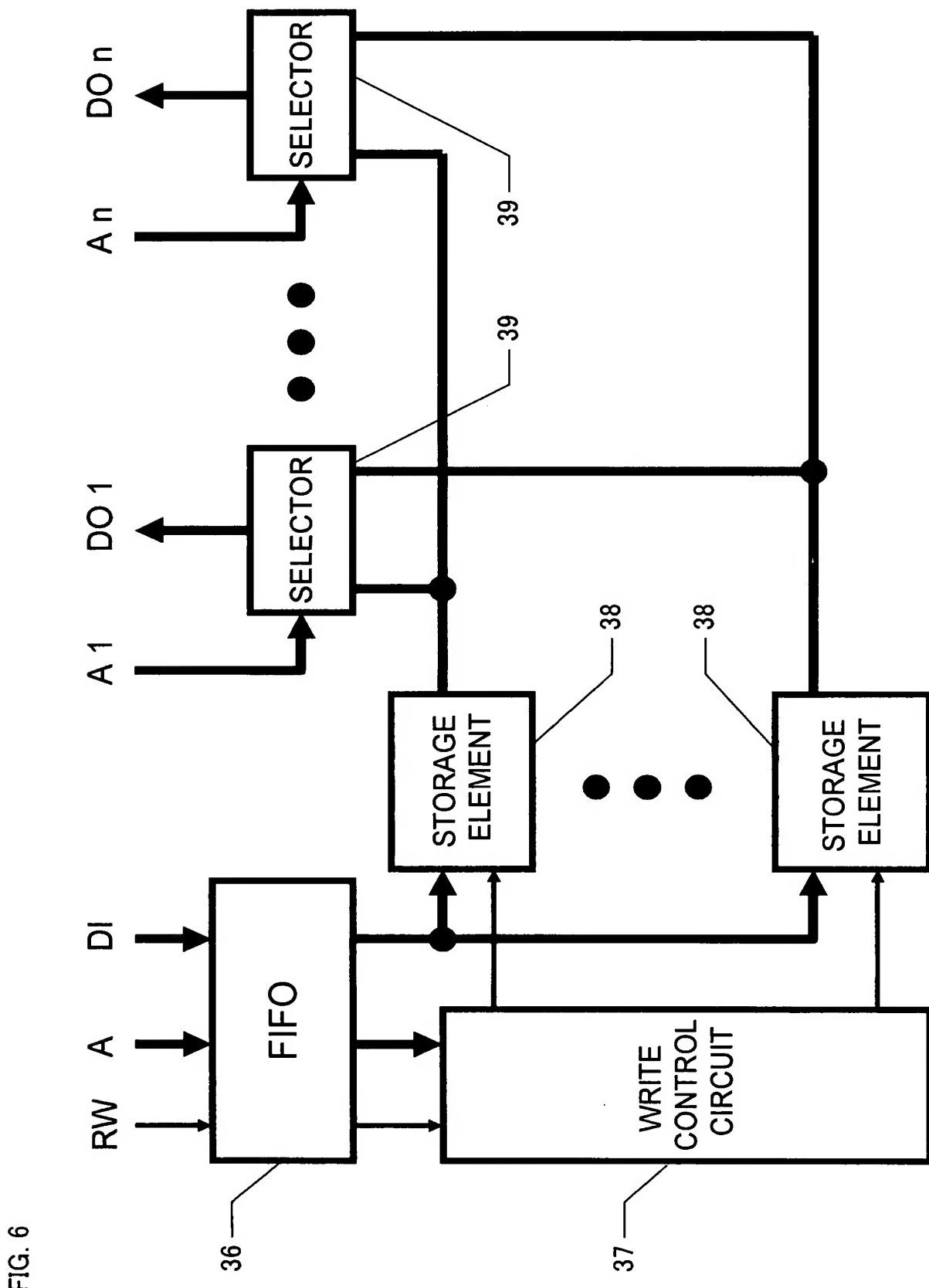


FIG. 7

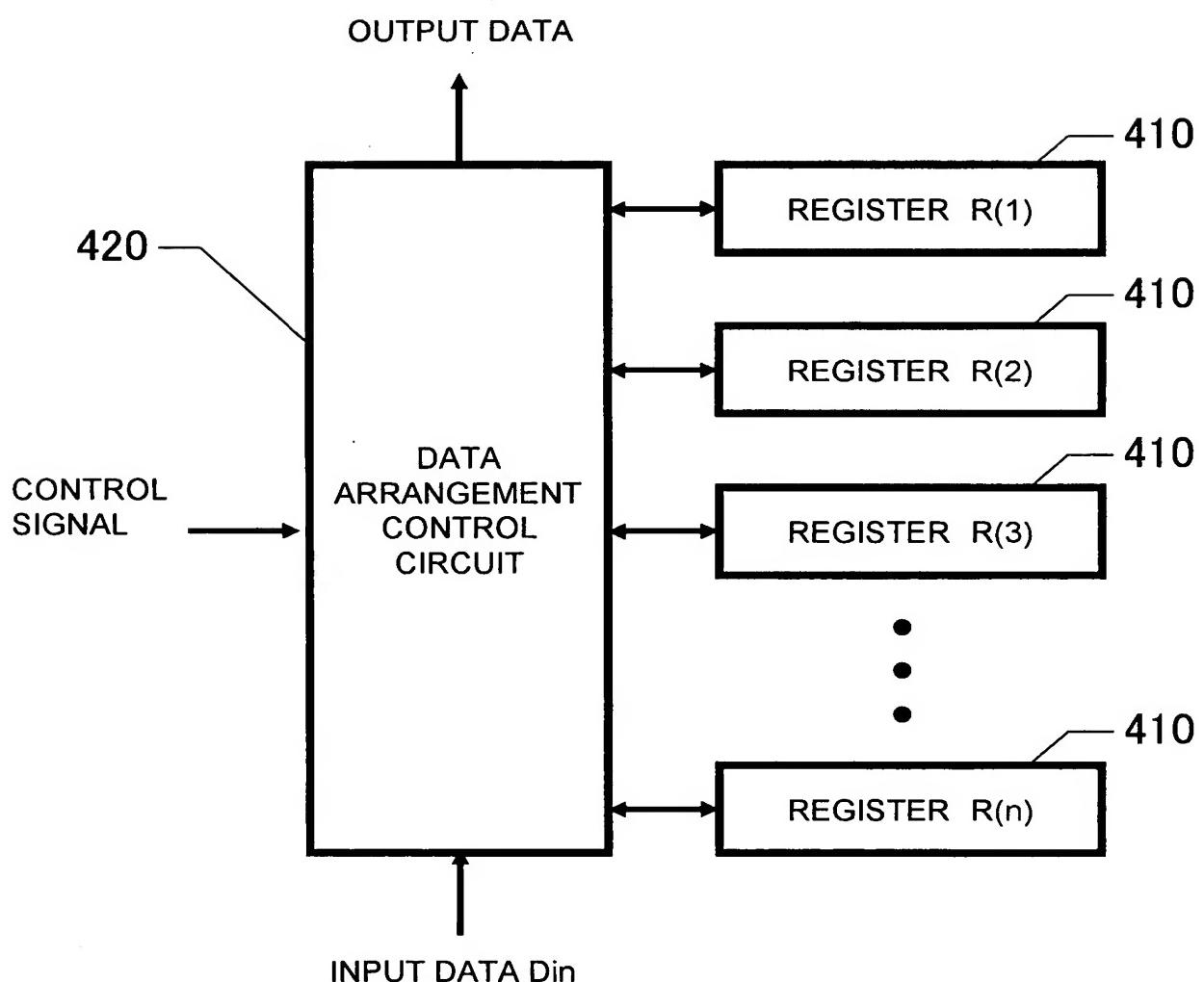


FIG. 8

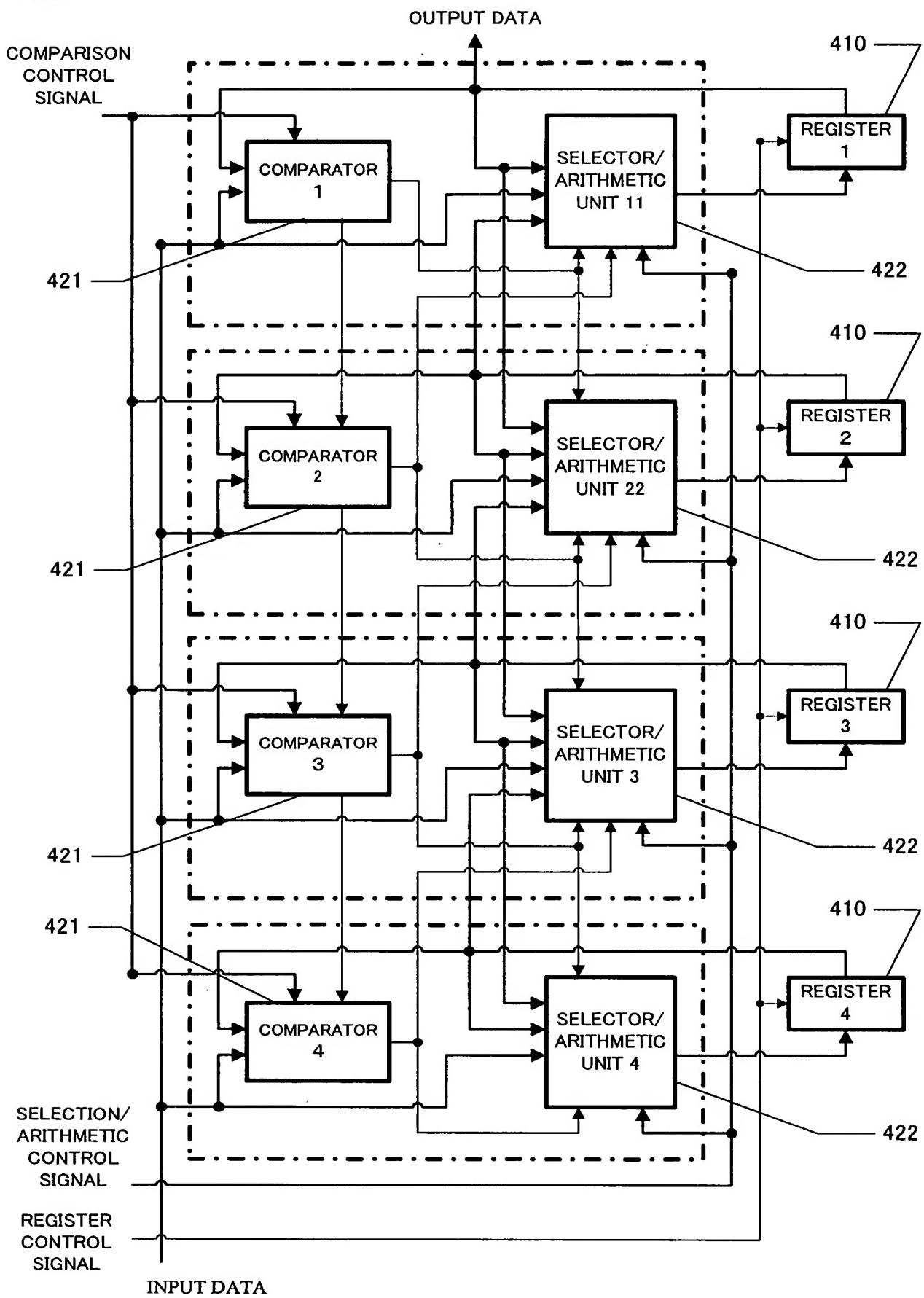


FIG. 9

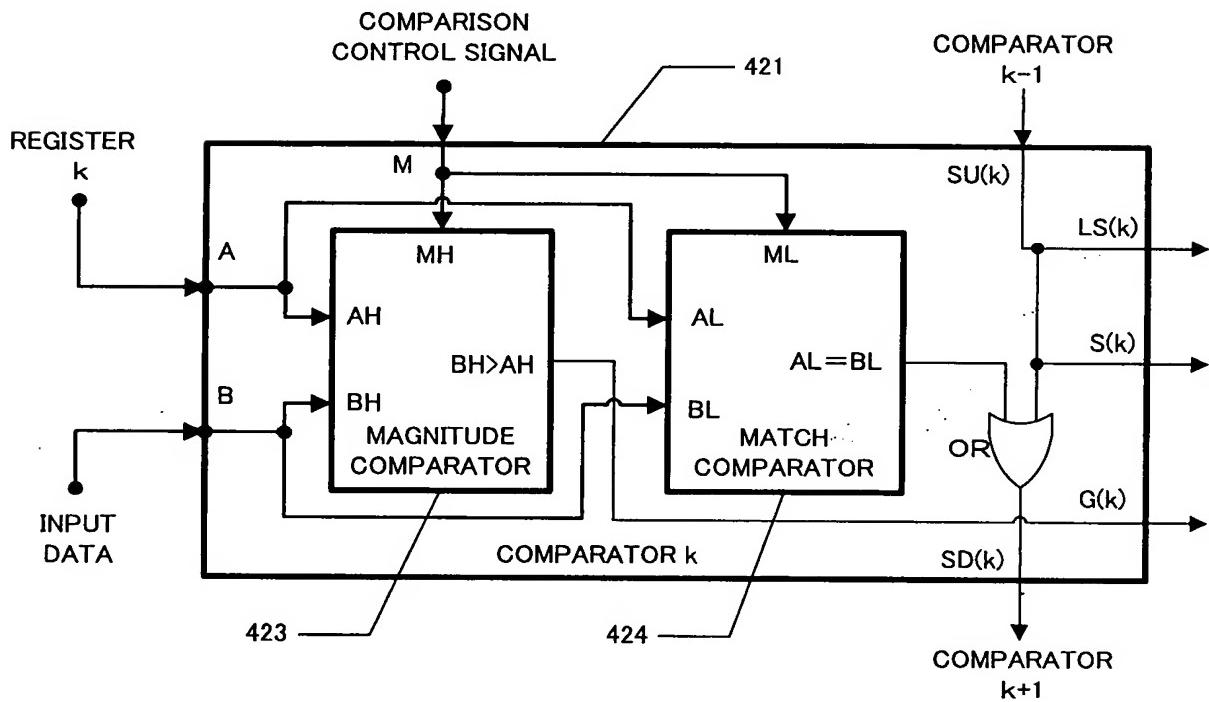


FIG. 10

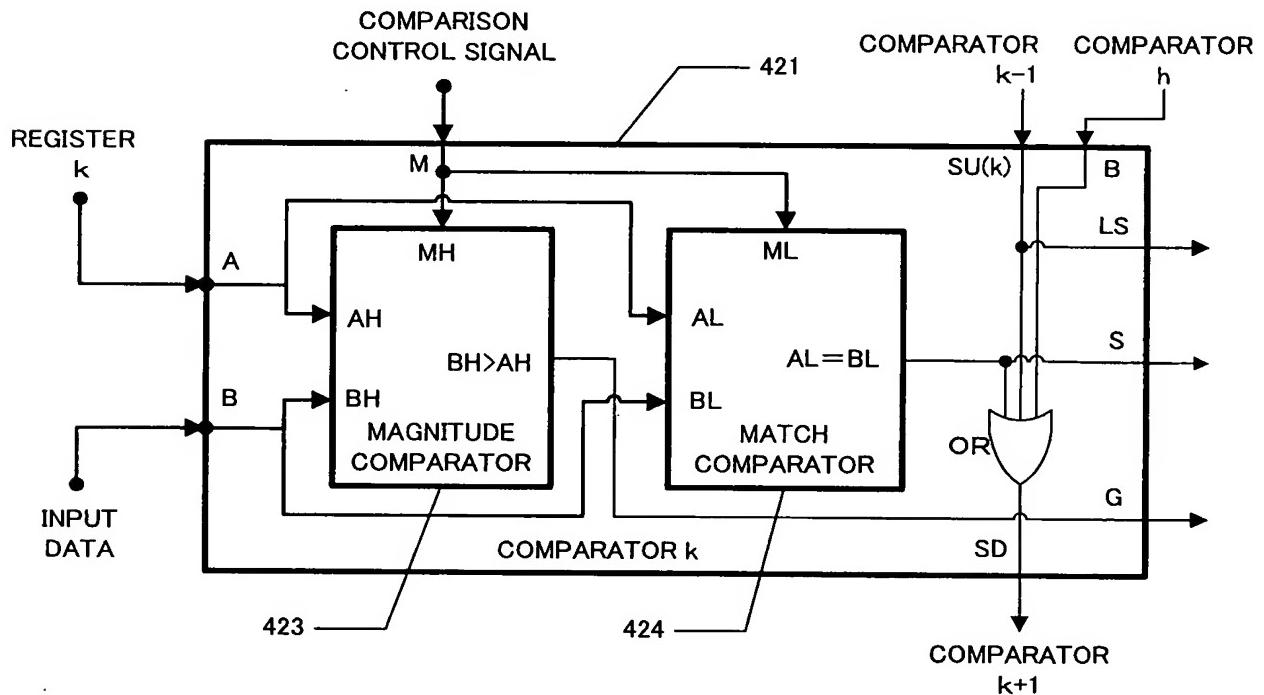


FIG. 11

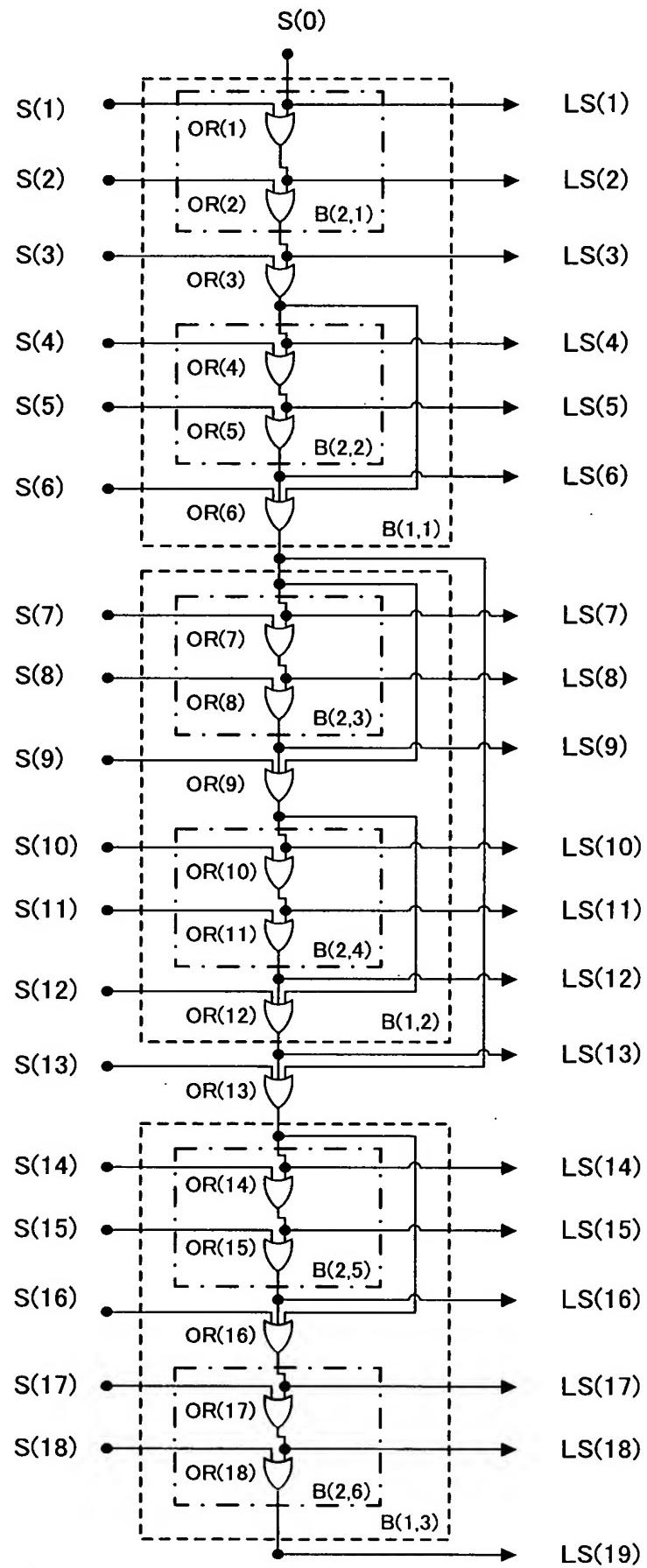


FIG. 12

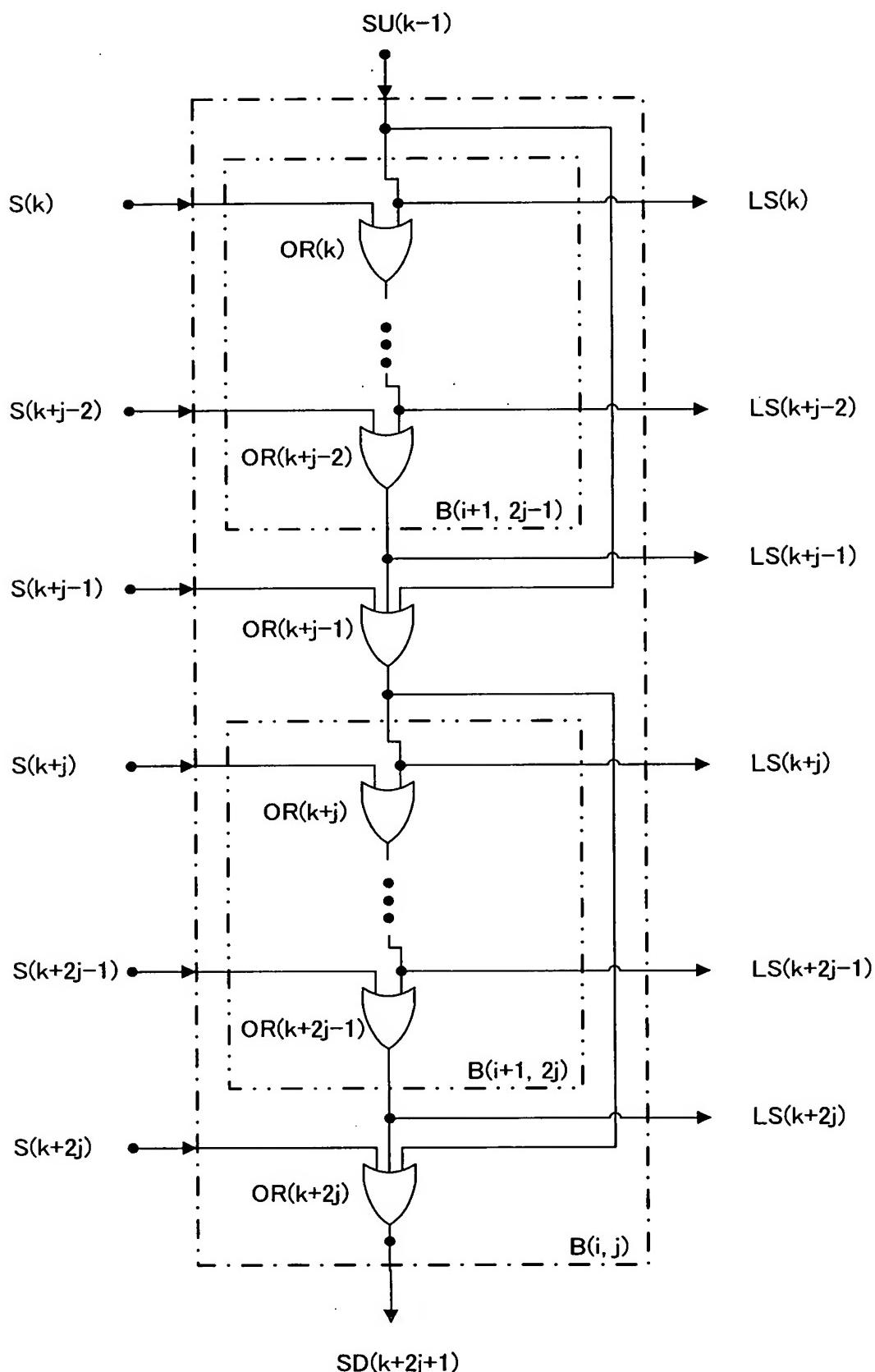


FIG. 13

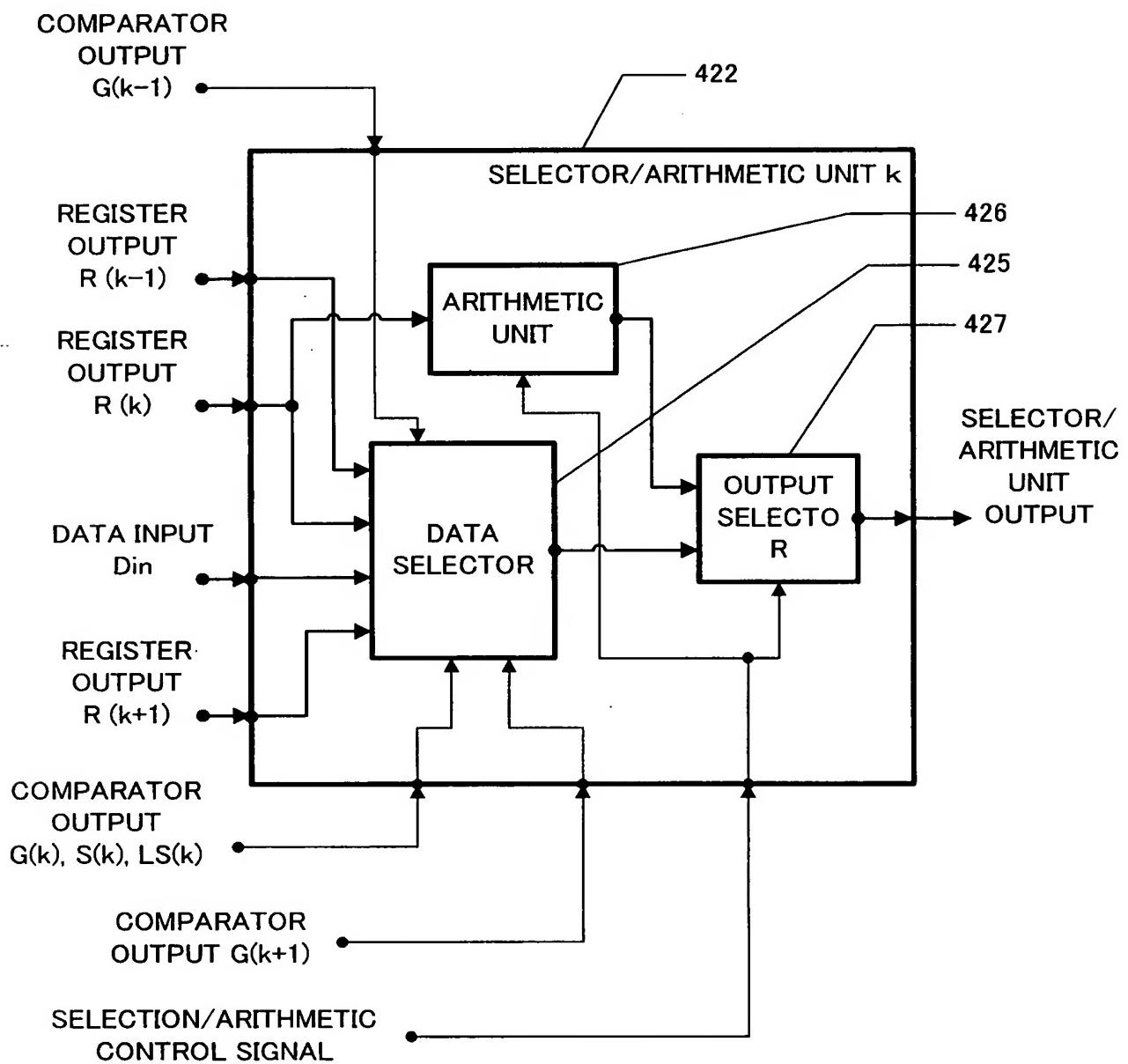


FIG. 14

PUSH

FIG. 15

k	G	MAGNITUDE COMPARISON	IMPORTANCE DATA	COMPONENT IDENTIFIER	MATCH COMPARISON	S	LS
1	0	$P_{in} \leq$	98	777	\neq	0	0
2	0	$P_{in} \leq$	74	200	\neq	0	0
3	0	$P_{in} \leq$	60	101	\neq	0	0
4	1	$P_{in} >$	33	020	\neq	0	0
5	1	$P_{in} >$	27	700	\neq	0	0
6	1	$P_{in} >$	15	555	=	1	0
7	1	$P_{in} >$	8	300	\neq	0	1
8	1	$P_{in} >$	5	808	\neq	0	1

$K_s \rightarrow$

INPUT DATA

60

555

FIG. 16

POP

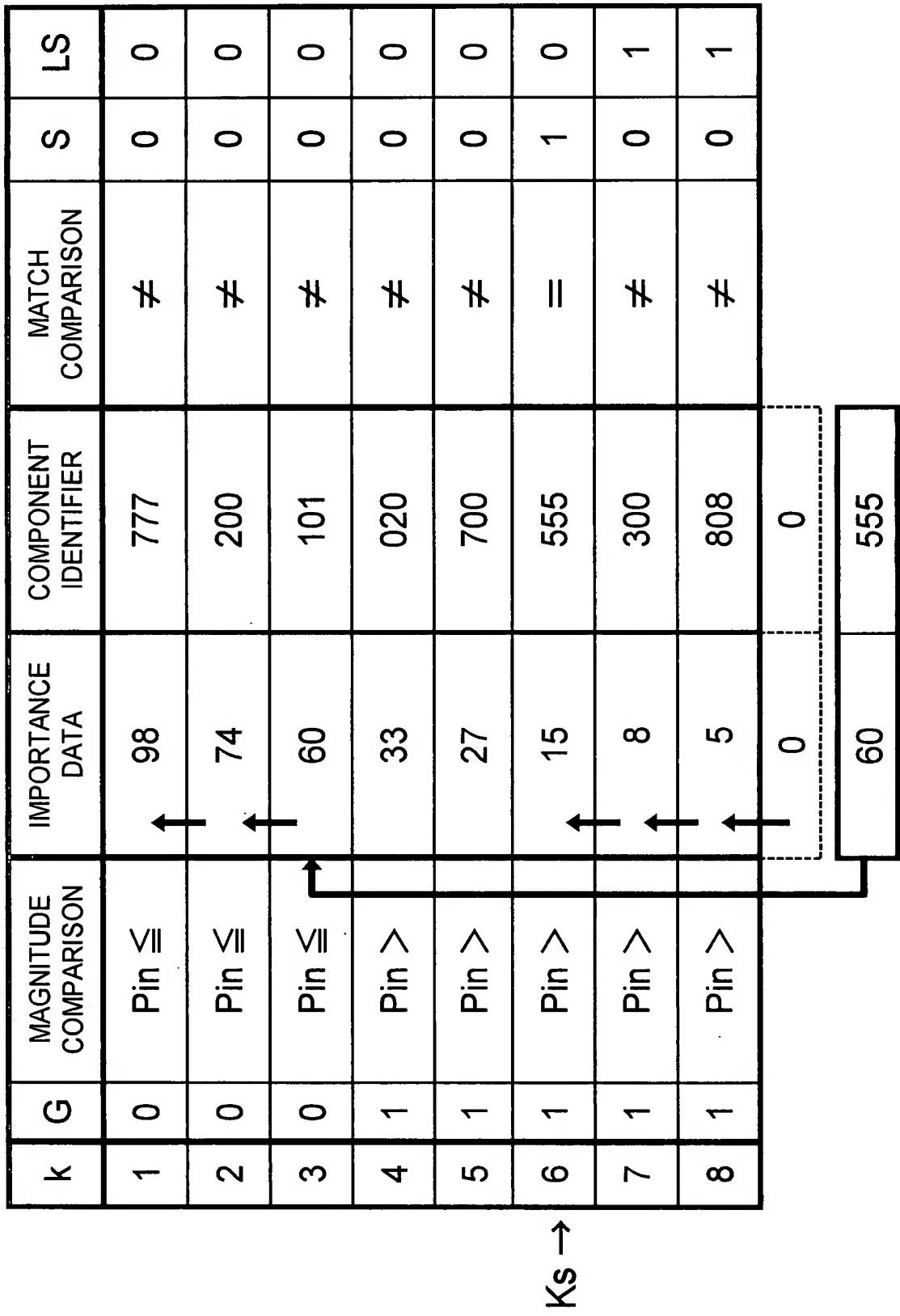


FIG. 17

POP

K	G	MAGNITUDE COMPARISON	IMPORTANCE DATA	COMPONENT IDENTIFIER	MATCH COMPARISON	S	LS
1	0	$P_{in} \leq$	↑ 98	777	\neq	0	0
2	0	$P_{in} \leq$	↑ 74	200	\neq	0	0
3	0	$P_{in} \leq$	↑ 60	101	\neq	0	0
4	0	$P_{in} \leq$	↑ 33	020	\neq	0	0
5	0	$P_{in} \leq$	↑ 27	700	\neq	0	0
6	0	$P_{in} \leq$	↑ 15	555	=	1	0
7	0	$P_{in} \leq$	↑ 8	300	\neq	0	1
8	1	$P_{in} >$	↑ 5	808	\neq	0	1
			↑ 0	0			

$K_S \rightarrow$

INPUT DATA

7 555

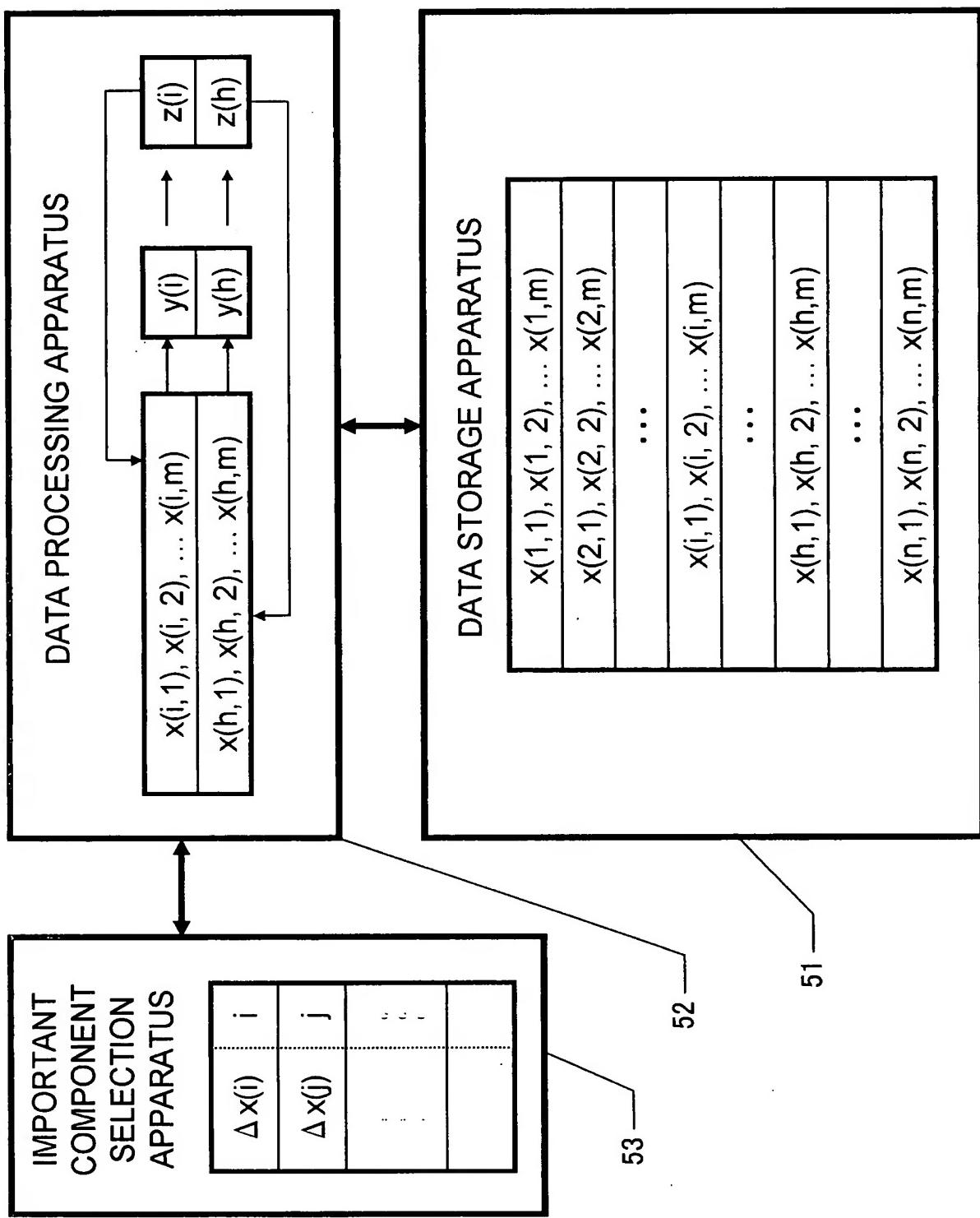


FIG. 18

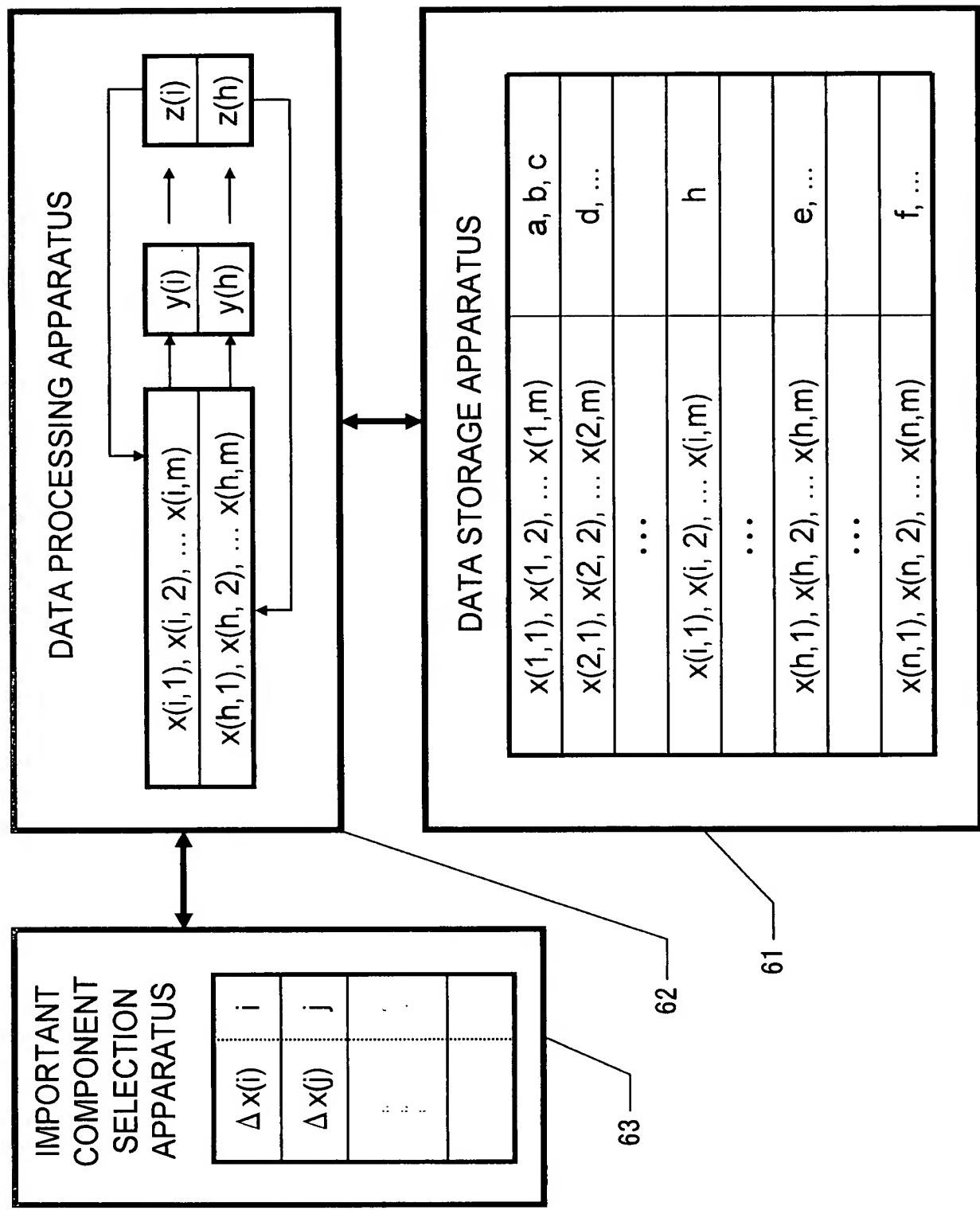
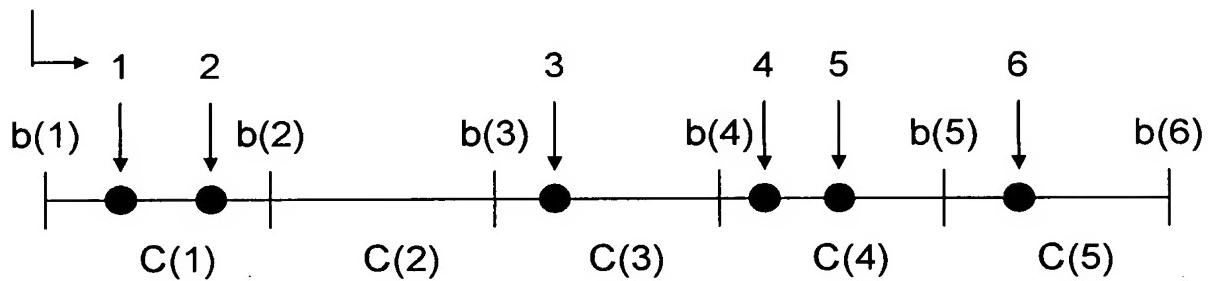


FIG. 19

FIG. 20

COMPONENT NUMBER



$$C_1 = \{1, 2\}, C_2 = \{\}, C_3 = \{3\}, C_4 = \{4, 5\}, C_5 = \{6\}$$

$$i \in C(j) \text{ for } b(j) \leq Y_i < b(j+1)$$